

## Infrared Pointer Illuminator Module (IPIM); DBAL-A<sup>2</sup> IR Lasers; Advanced Target Pointer/Illuminator/Aiming Light (ATPIAL)

The Advanced Target Pointer/Illuminator/Aiming Light (ATPIAL), the DBAL-A<sup>2</sup> IR Laser, and the Infrared Pointer Illuminator Module (IPIM) are laser-aiming devices designed to be used in conjunction with night vision devices to engage enemy targets at night. When zeroed to the weapon, these devices provide an invisible, continuous infrared beam along the weapon's line of fire for precise aiming of a Soldier's weapon and adjustable focus infrared illumination for improved situational awareness.

The ATPIAL and DBAL-A<sup>2</sup> infrared (IR) lasers are class IIIB, and the visible-aiming lasers are class IIIA. The IR lasers emit a highly collimated beam of infrared light for precise weapon aiming, as well as a separate, infrared-illuminating laser with adjustable focus. A visible, red dot-aiming laser can also be selected to provide accurate aiming of a weapon during daylight or night operations. The IPIM also features a white light flashlight. ATPIAL, DBAL-A<sup>2</sup>, and IPIM lasers can be used as handheld illuminator/pointers, or can be weapon mounted with included hardware.



### IPIM Performance Characteristics

**Range, IR Laser:** 600 meters low power/2,000 meters high power

**Range Vis Laser:** > 25 meters in day-light but not direct sunlight

**Weight:** 11 ounces

**Power:** 2 DL 123A batteries

**Operational Time:** 15-hour minimum with both IR lasers on high, 1 hour with white light constant on



### DBAL-A<sup>2</sup> Performance Characteristics

**Range, IR lasers:** 600 meters low power/2,000 meters high power

**Weight:** 7.6 ounces

**Power:** 1 DL 123A, 3-volt battery

**Operational Time:** 1-hour minimum with laser (s) on high



### ATPIAL Performance Characteristics

#### Effective Range

**IR Lasers:** 600 meters low power/2,000 meters high power

**Visible Laser:** 25 meters in daylight but not in direct sunlight

**Weight:** 7.5 ounces

**Power:** 1 DL 123A, 3-volt battery

**Operational Time:** 6 hours minimum with lasers on Dual High